Datasheet for ABIN7505168

FLT3LG Protein (AA 27-184) (His tag)

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Overview

Quantity:	100 µg
Target:	FLT3LG
Protein Characteristics:	AA 27-184
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FLT3LG protein is labelled with His tag.

Product Details

Sequence:	Thr 27-Pro 184
Characteristics:	A DNA sequence encoding the Human FLT3LG protein (P49771) (Thr 27-Pro 184) was expressed with N-His tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	FLT3LG
Alternative Name:	FLT3LG (FLT3LG Products)
Background:	Abbreviation: FLT3LG,Flt3 ligand Target Synonym: Fms-Felated Tyrosine Kinase 3 Ligand,Flt3 Ligand,Flt3L,SL Cytokine,FLT3LG Background: FLT3L, also known as flt3 ligand, is a small molecule that acts as a growth factor that increases the number of immune cells by activating the hematopoietic progenitors. In vivo,

Target Details

	FLT3L also induces the mobilization of the hematopoietic progenitors and stem cells. This may help the system to kill cancer cells. Dendritic cells (DCs) provide the key link between innate and adaptive immunity by recognizing pathogens and priming pathogen-specific immune responses. FLT3L controls the development of DCs and is particularly important for plasmacytoid DCs and CD8 -positive classical DCs and their CD103 -positive tissue counterparts.
Molecular Weight:	Calculated MW: 17.27 kDa Observed MW: 21 kDa
UniProt:	P49771
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months